

DESCRIPTION

Under this work the CONTRACTOR shall furnish and install plastic type pavement markings on new asphalt as shown on the plans, or as directed by the ENGINEER.

MATERIALS

The marking material shall be a preformed pavement marking tape, retro-reflective with pressure sensitive adhesive, STAMARK Brand, Series 5730, as manufactured by Minnesota Mining and Material Corporation (3M), St. Paul, Minnesota, or ENGINEER-approved equal. Thickness shall be 1.50 millimeters.

CONSTRUCTION DETAILS

The pavement marking material shall be installed at the locations shown on the plans. Markings shall be provided in the dimensions shown on the plans. The CONTRACTOR is responsible for coordination with the Department of Transportation (Monroe County) for supervision and approval of placement and installation of the pavement markings.

The marking material shall be installed on the freshly laid asphalt wearing surface by the inlay method as recommended by the manufacturer. The surface of the pavement must be compact and the residual moisture must have evaporated prior to the application. The marking material shall be installed immediately after final rolling. The temperature of the surface shall not be lower than 49 degrees C nor higher than 66 degrees C at the time of the application (120 – 150 degrees F).

The CONTRACTOR shall cut the marking material to the desired length, remove the backing paper if applicable and secure it at intervals to hold it in place prior to rolling. The material shall then be immediately embedded in the asphalt by rolling. All markings must be thoroughly rolled using a roller with a minimum 2300 kilogram load. The marked area should be opened to traffic as soon as possible. Vibratory rolling shall not be allowed. The CONTRACTOR shall not reverse the direction of the roller or turn the wheels of the roller while it is on the marking material. No water shall be applied to the surface of the pavement after the marking material has been laid on the asphalt. When the work has been completed, the marking material shall be flush with the adjacent pavement.

METHOD OF MEASUREMENT

Pavement striping shall be measured in linear meters along the centerline of the pavement stripe. No payment shall be made for the number of linear meters of skips within a dashed line.

Letters and arrows will be counted for payment based on the number of each furnished and placed in accordance with the plans or as directed by the ENGINEER.

BASIS OF PAYMENT

Unit prices shall include the cost of furnishing and placing the marking material including all labor, material, and equipment necessary to complete the work to the satisfaction of the ENGINEER.

Payment will be made under:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
686.1010001M	Inlaid Plastic Pavement Markings 100 mm White	M
686.1010002M	Inlaid Plastic Pavement Markings 100 mm Yellow	M
686.1015001M	Inlaid Plastic Pavement Markings 150 mm White	M
686.1015002M	Inlaid Plastic Pavement Markings 150mm Yellow	M
686.1030001M	Inlaid Plastic Pavement Markings 300 mm White	M
686.1030002M	Inlaid Plastic Pavement Markings 300 mm Yellow	M
686.1040001M	Inlaid Plastic Pavement Markings 400 mm White	M
686.1060001M	Inlaid Plastic Pavement Markings 600 mm White	M
686.1060002M	Inlaid Plastic Pavement Markings 600 mm Yellow	M
686.1098M	Inlaid Plastic Pavement Markings White Letters	EA
686.1099M	Inlaid Plastic Pavement Markings White Arrows	EA